

NASA Life Sciences Data Archive

Investigator name: Kenneth Souza

Mission (Payload): STS-47 (SL-J)

Experiment title (ID): Effect of Weightlessness on Development of Amphibian Eggs (178256)

File name/Inventory ID: SL-J Filming and Observation of Flight Tadpoles, Flight Control Tadpoles, and Flight Tadpoles.

MET 6/11:45 ECU Filming

Cabin Temperature 25.2

OG NFOG-2 Fairly normal swimming

NF OG-1 Fewer developed than OG-2
normal tadpoles swimming linearly

Filming
of specific
tadpoles
fish

Jan MET 12:25 Centrifuge running at what looks at
"normal" rate

IG NF

MET 12:28 IG Chambers removed from centrifuge

R-IG-1

NF IG-2

} also some looping but lots
swimming too

pulling
specific
fl. control
tadpoles
off of
centrifuge
to film

Back on centrifuge at MET 6/12:37

Health Check MET 06/12:56

GPW Activation MET 06/12:42

23 "Sally" great shape

102 "Dolly" " "

118 "Amelia" " "

121 "Chiaki"

health
check
of
fright
frogs

Lid of frog box - writing by Jan? re: re

23 = Sally

102 = Dolly

118 = Chiaki

121 = Amelia . .

also explains
how long
chambers were
off the
centrifuge